

**393823119424505 Local number 085 N21 E20 35CBAC7 LYSIMETER 3 DEEP**

Basin and Range basin-fill aquifers

Undefined Aquifer

Washoe County, NV

LOCATION.--Lat 39°38'29.4", long 119°42'45.3" referenced to North American Datum of 1983, in NE ¼ NW ¼ SW ¼ sec.35, T.21 N., R.20 E., Washoe County, Hydrologic Unit 16050201.

**WATER-QUALITY RECORDS**

COOPERATION.--Washoe County Department of Water Resources

REMARKS.--Depth of lysimeter is 14 ft below land surface datum. Ground water quality data in this table were collected determine an estimate of the amount of nitrogen entering the ground water from septic tank systems in the valley by collection of water quality data from lysimeters and ground water wells near septic systems.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005**

Part 1 of 2

[Remark codes: <, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Oct</b>								
<b>05...</b>	1320	Interstitial water	556	47.8	.26	43.4	.062	42.9
<b>Nov</b>								
<b>02...</b>	1342	Interstitial water	530	44.4	2.54	17.2	.121	21.6
<b>Dec</b>								
<b>08...</b>	1202	Interstitial water	507	28.0	1.21	35.3	.080	39.3
<b>Mar</b>								
<b>01...</b>	1402	Interstitial water	598	33.3	14.5	1.51	.208	18.0
<b>Apr</b>								
<b>05...</b>	1402	Interstitial water	746	48.8	18.2	.24	.038	21.6
<b>May</b>								
<b>04...</b>	1014	Interstitial water	581	32.3	19.6	2.00	.385	24.1
<b>Jun</b>								
<b>01...</b>	1035	Interstitial water	785	39.7	23.1	.22	.059	27.0
<b>Jul</b>								
<b>06...</b>	0956	Interstitial water	826	38.6	23.7	3.24	.522	30.0
<b>Aug</b>								
<b>03...</b>	0910	Interstitial water	756	39.7	25.5	.41	.090	29.7
<b>Sep</b>								
<b>08...</b>	0855	Interstitial water	871	40.9	24.7	47.1	.253	72.3

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**WATER-QUALITY DATA**  
**WATER YEAR OCTOBER 2005 TO SEPTEMBER 2006**

Part 2 of 2

[Remark codes: &lt;, less than.]

Date	Time	Sample type	Specif. conduc- tance, wat unf lab, uS/cm 25 degC (90095)	Chlor- ide, water, fltrd, mg/L (00940)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Total nitro- gen, wat flt by anal ysis, mg/L (62854)
<b>Oct</b>								
05...	0852	Interstitial water	877	44.5	19.3	29.0	.068	49.5
<b>Nov</b>								
02...	0905	Interstitial water	597	34.9	20.5	.46	.034	22.1
02...	0906	<i>Replicate</i>	605	34.9	19.7	.45	.023	22.0
30...	0934	Interstitial water	824	38.7	18.2	34.1	.338	52.8
<b>Dec</b>								
22...	1304	Interstitial water	610	34.0	17.1	1.04	<.008	19.7